



GP/3652

**PATENT**

I hereby certify that on the date specified below, this correspondence is being deposited with the United States Postal Service as first-class mail in two boxes addressed to Assistant Commissioner for Patents, Washington, DC 20231.

November 4, 2002  
Date

Sandy Reisman  
Sandy Reisman

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

IN RE APPLICATION OF: Mark L. Waechter

APPLICATION No.: 09/972,050

FILED: October 5, 2001

FOR: **METHOD AND APPARATUS FOR COIN OR  
OBJECT SENSING USING ADAPTIVE  
OPERATING POINT CONTROL**

EXAMINER: Unknown

ART UNIT: 3652

CONF. No: 3857

JP  
11/13/02  
IDS  
#8

**Information Disclosure Statement Within Three Months of  
Application Filing or Before First Action – 37 CFR 1.97(b)**

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

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**GROUP 3600**

1. Timing of Submission

This information disclosure is being filed within three months of the filing date of this application or date of entry into the national stage of an international application or before the mailing date of a first Office action on the merits, whichever occurs last [37 CFR 1.97(b)]. The references listed on the enclosed Form PTO/SB/08A may be material to the examination of this application; the Examiner is requested to make them of record in the application.

2. Cited Information

☒ Copies of the following references are enclosed:

- ☐ All cited references
- ☒ References not marked
- ☐ The following:

☒ Applicant would like to call the Examiner's attention to the following items:

- ☐ All cited references
- ☒ References marked by asterisks
- ☐ The following:

These items were cited in earlier-filed cases directed to art areas that may be related to the present application. Applicant has made a diligent search but has been unable to obtain copies of the noted references. Accordingly, copies have not been provided. Applicant has, nevertheless, identified these items in an effort to fully comply with his duty under CFR 1.56.

☒ The following references are not in English. For each such reference, the undersigned has enclosed: (i) a translation of the reference; (ii) a copy of a communication from a foreign patent office or International Searching Authority citing the reference; (iii) a copy of a reference which appears to be an English-language counterpart; or (iv) an English-language abstract for the reference prepared by a third party. Applicant has not verified that the translation, English-language counterpart or third-party abstract is an accurate representation of the teachings of the non-English reference, though, and reserves the right to demonstrate otherwise.

- ☐ All cited references
- ☒ References marked by pound signs
- ☐ The following:

☒ The following references are not in English, and no English abstract is available.

- ☐ All cited references
- ☒ References marked by ampersands
- ☐ The following:

### 3. Effect of Information Disclosure Statement (37 CFR 1.97(h))

This Information Disclosure Statement is not to be construed as a representation that: (i) a search has been made; (ii) additional information material to the examination of this application does not exist; (iii) the information, protocols, results and the like reported by third parties are accurate or enabling; or (iv) the cited information is, or is considered to be, material to patentability. In addition, applicant does not admit that any enclosed item of information constitutes prior art to the subject invention and specifically reserves the right to demonstrate that any such reference is not prior art.

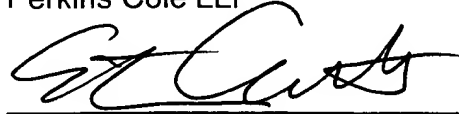
4. Fee Payment

No fees are believed due. However, should the Commissioner determine that fees are due in order for this Information Disclosure Statement to be considered, the Commissioner is hereby authorized to charge such fees to Deposit Account No. 50-0665.

5. Patent Term Adjustment (37 CFR 1.704(d))

- ☐ The undersigned states that each item of information submitted herewith was cited in a communication from a foreign patent office in a counterpart application and that this communication was not received by any individual designated in 37 C.F.R. § 1.56(c) more than thirty days prior to the filing of this statement. 37 C.F.R. § 1.704(d).

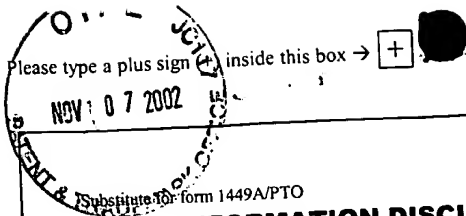
Respectfully submitted,  
Perkins Coie LLP



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Part of #8

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
(use as many sheets as necessary)

**COMPLETE IF KNOWN**

Application Number	09/972,050	Conf. No.	3857
Filing Date	October 5, 2001		
First Named Inventor	Mark L. Waechter		
Group Art Unit	3652		
Examiner Name	Unknown		
Attorney Docket No.	213828022US1		

Sheet 1 of 5

**U.S. PATENT DOCUMENTS**

*EXAMINER INITIALS*	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		NUMBER	Kind Code (if known)			
		446,303		Thompson	2/10/1891	
		1,234,707		Whistler	7/24/17	
		2,390,147		Hatton	12/4/45	
		2,621,665		McGee	12/16/52	
		2,865,561		Rosapepe	12/23/58	
		2,931,480		Heim	4/5/60	
		3,065,467		Prevost	11/20/62	
		3,132,654		Adams	5/12/64	
		3,173,742		Simjian	3/16/65	
		3,297,242		Karp	1/10/67	
		3,463,171		Dolman	8/26/69	
		3,589,492		Shirley	6/29/71	
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		3,603,327		Buchholz et al.	9/7/71	
		3,653,481		Boxall et al.	4/4/72	
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		3,752,168		Bayha	8/14/73	
		3,815,717		Arseneau	6/11/74	
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		3,948,280		Dahl et al.	4/6/76	
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		4,036,242		Breitenstein et al.	7/19/77	
		4,058,954		Asami	11/22/77	
		4,071,740		Gogulski	1/31/78	
		4,089,400		Gregory, Jr.	5/16/78	
		4,092,990		Bayne	6/6/78	
		4,099,722		Rodesch et al.	7/11/78	
		4,100,925		Fukunaga	7/18/78	
		4,106,610		Heiman	8/15/78	
		4,111,216		Brisebarre	9/5/78	
		4,148,331		Nicolaus	4/10/79	
		4,167,949		Hashimoto et al.	9/18/79	
		4,184,366		Butler	1/22/80	
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		4,249,552		Margolin et al.	2/10/81	
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		4,286,704		Wood	9/1/81	
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		4,369,800		Watanabe et al.	1/25/83	
		4,380,316		Glinka et al.	4/19/83	
		4,383,540		De Meyer et al.	5/17/83	
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**INFORMATION DISCLOSURE****STATEMENT BY APPLICANT**

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Examiner Name	Unknown		
Attorney Docket No.	213828022US1		

Sheet

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of

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		NUMBER	Kind Code (if known)			
		4,416,365		Heiman	11/22/83	
		4,434,359		Watanabe	2/28/84	
		4,436,103		Dick	3/13/84	
		4,437,558		Nicholson et al.	3/20/84	
		4,448,297		Mendelsohn	5/15/84	
		4,460,003		Barnes et al.	7/17/84	
		4,469,213		Nicholson et al.	9/4/84	
		4,471,864		Marshall	9/18/84	
		4,488,116		Plesko	12/11/84	
		4,503,963		Steiner	3/12/85	
		4,509,542		Watanabe et al.	4/9/85	
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		4,716,799		Hartmann	1/5/88	
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		4,809,838		Houerman	3/7/89	
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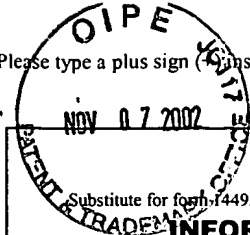
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STATEMENT BY APPLICANT**  
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Sheet	3	of	5	Application Number	09/972,050	Conf. No.	3857
				Filing Date	October 5, 2001		
				First Named Inventor	Mark L. Waechter		
				Group Art Unit	3652		
				Examiner Name	Unknown		
				Attorney Docket No.	213828022US1		

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		NUMBER	Kind Code (if known)			
		5,040,657		Gunn et al.	8/20/91	
		5,056,644		Parker	10/15/91	
		5,067,604		Metcalf	11/26/91	
		5,078,252		Furuya et al.	1/7/92	
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		5,091,713		Horne et al.	2/25/92	
		5,098,339		Dabrowski	3/24/92	
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		5,291,782		Taylor	3/8/94	
		5,293,979		Levasseur	3/15/94	
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		5,321,242		Heath, Jr.	6/14/94	
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		5,326,312		Patroni	7/5/94	
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		5,386,901		Ibarrola et al.	2/7/95	
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		5,494,145		Cohrs et al.	2/27/96	
		5,494,147		Takahashi et al.	2/27/96	
		5,501,633		Watkins et al.	3/26/96	

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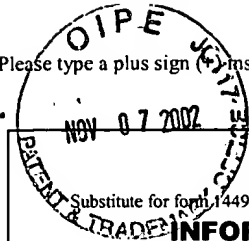
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Sheet	4	of	5	Application Number	09/972,050	Conf. No.	3857
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		NUMBER	Kind Code (if known)			
		5,515,960		Wood	5/14/96	
		5,564,546		Molbak et al.	10/15/96	
		5,616,074		Chen	4/1/97	
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**FOREIGN PATENT DOCUMENTS**

*EXAMINER INITIALS	Cite No.	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
		Office	Number	Kind Code (if known)				
		CA	2,067,987		O'Brien et al.	11/7/92		
		CA	2,060,630		Catalina Marketing International, Inc.	2/2/99		
	&	DT	1 944 488		Standard Elektrik Lorenz AG	3/4/71		
	&	DT	25 16 532	A1	Laurel Bank Machine Co., Ltd.	10/30/75		
	#	DT	25 28 735	A1	Clark Equipment Co.	4/8/76		
	&	DE	30 21 327	A1	Schorpp	12/24/81		
	&	DD	288 018	A5	Verkehrswesen Forsch Inst.	3/14/91		
	#	EP	0 060 392	B1	Sodeco Compteurs de Geneve	9/22/82		
		EP	0 209 357	B1	Kabushiki Kaisha Universal	1/21/87		
		EP	0 300 781	B1	Scan Coin AB	1/25/89		
		EP	0 724 237	B1	Asahi Seiko Kabushiki Kaisha	7/31/96		
		GB	2,198,274	A	Entersword Limited	6/8/88		
	#	JP	1-307891	A	Hitachi Ltd.	12/12/89		
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		PCT	WO 87/05729 SE87/00102	A1	Scan Coin AB	9/24/87		
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Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Sheet	5	of	5
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**OTHER PRIOR ART-NON PATENT LITERATURE DOCUMENTS**

*EXAMINER INITIALS*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume, issue number(s), publisher, city and/or country where published.	T
	*	"Slide Changing Apparatus With Slide Jam Protection", Research Disclosure 30509, 9/89	
	*	F. Zimmerman & Co., "Reference Manual Contovit/Sortovit, Perconta Money Counting and Sorting Systems", 8/95, pp. I-III, 1-31, and three pages of specifications	
		Hamilton, "Turning Cans into Cold Cash", <i>The Washington Post</i> , 7/2/91, pp. D1, D4, 194-209	
	*	Reis Eurosystems Geldbearbeitungssysteme, "Test-Programme CS 3110 Selectronic coin sorting and counting machine", 7/92, pp. 1-3	
	*	Reis Eurosystems, "Operating Instructions CS 3110 Selectronic Coin Sorting and Counting Machine With Central Sensor", 7/92, pp. 1-12, I-IV	
		"The Electrical Engineering Handbook", 2 <sup>nd</sup> Edition, CRC Press and IEEE, 1997, edited by Richard C. Dorf, pp. 23-31	

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